


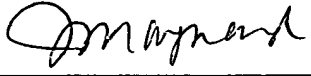


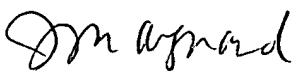


SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. L-F/104H		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Niehoff		JCS11 U.S. PTO 09/307633 05/07/99	
				FILING DATE May 7, 1999			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	CLASS	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Jm	A.A	4 4 7 5 6 6 6	10/9/84	Bilbrey et al.	604	155	n/a
	A.B	4 5 2 9 4 0 1	7/16/85	Leslie et al.	604	155	n/a
	A.C	4 6 8 5 9 0 3	8/11/87	Cable et al.	604	151	n/a
	A.D	4 7 2 2 7 3 4	2/2/88	Kolln	604	151	n/a
	A.E	4 7 4 1 7 3 2	5/3/88	Crankshaw	604	155	n/a
	A.F	4 7 6 7 4 0 6	8/88	Wadham et al.	604	155	10/86
	A.G	4 8 3 8 8 5 7	6/89	Strowe et al.	604	67	2/87
	A.H	4 8 5 4 3 2 4	8/8/89	Hirschman et al.	604	155	n/a
	A.I	4 9 7 8 3 3 5	12/18/90	Arthur, III	.	.	n/a
↓	A.J	4 9 8 8 3 3 7	1/91	Ito	604	154	8/89
Jm	A.K	5 0 3 4 0 0 4	7/23/91	Crankshaw	.	.	n/a
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
Jm	A.L	160 303	11/6/85	European Patent Office	.	.	yes
	A.M	164 904	12/18/85	European Patent Office	.	.	yes
	A.N	364 010	4/18/90	European	604	151	yes
	A.O	482 677	4/29/92	European Patent Office	.	.	yes
↓	A.P	523 343	1/20/93	European Patent Office	.	.	yes
Jm	A.Q	W089-06145	1/87/88	PCT	.	.	no
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
Jm	A.R	Medrad, Inc., <u>The First and Only True Injection System</u> , Medrad Mark V System Brochure					
↓	A.S	Medrad, Inc., <u>A Quick Turn provides Added Convenience</u> , Medrad MCT Plus Front Load Injection System Brochure					
Jm	A.T	Medrad, Inc., <u>More than a Good Image</u> , Medrad MCT Injection System Brochure					
EXAMINER Jm Maynard				DATE CONSIDERED 11-20-99			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

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				FILING DATE May 7, 1999		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Jm	B.A	5 0 7 8 6 8 3	1/7/92	Sancoff et al.	604	67	n/a
	B.B	5 1 3 5 5 0 7	8/4/92	Haber et al.	604	187	n/a
	B.C	5 2 3 6 4 1 6	8/17/95	McDaniel et al.	.	.	n/a
	B.D	5 2 4 2 4 0 8	7/93	Jhuboo et al.	604	152	9/92
	B.E	5 2 5 6 1 5 7	10/93	Samiotes et al.	604	246	12/92
	B.F	5 3 4 2 2 9 8	8/30/94	Michaels et al.	604	65	7/31/92
	B.G	5 3 5 4 2 8 7	10/11/94	Wacks	604	232	1/16/91
	B.H	5 3 5 6 3 9 3	10/18/94	Haber et al.	604	222	5/10/90
↓	B.I	5 3 8 3 8 5 8	1/24/95	Reilly et al.	604	152	8/17/92
Jm	B.J	5 4 2 5 7 1 6	6/20/95	Kawasaki et al.	.	.	n/a
	B.K						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)	
	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
Jm	B.R	Medrad, Inc., <u>Enhanced CT Images</u> , <u>Enhanced CT Accuracy</u> , <u>Enhanced CT Control</u> , etc., Medrad CT-201 Mark IV Flow controlled Injection System Brochure					
Jm	B.S	Declaration of James H. Goethel					
Jm	B.T	Declaration of Kenneth J. Niehoff					
EXAMINER <i>Maynard</i>				DATE CONSIDERED 11-20-99			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

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				FILING DATE May 7, 1999	GROUP		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	C.A.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	C.A.						
	C.B.						
	C.C.						
	C.D.						
	C.E.						
	C.F.						
	C.G.						
	C.H.						
	C.I.						
	C.J.						
	C.K.						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	C.L.						
	C.M.						
	C.N.						
	C.O.						
	C.P.						
	C.Q.						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	C.R.	Declaration of Dwayne Crawford					
	C.S.	Liebel-Flarsheim Company, 2111 E. Galbraith Road, Cincinnati, OH 45215, <u>Angiomat 6000</u> , Brochure, copyright 1987					
	C.T.	Liebel-Flarsheim Company, 2111 E. Galbraith Road, Cincinnati, OH 45215, <u>Angiomat CT</u> , Brochure, copyright 1988					
EXAMINER 				DATE CONSIDERED <u>11-20-99</u>			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.							

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				FILING DATE May 7, 1999		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D.A						
	D.B						
	D.C						
	D.D						
	D.E						
	D.F						
	D.G						
	D.H						
	D.I						
	D.J						
	D.K						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	D.L						
	D.M						
	D.N						
	D.O						
	D.P						
	D.Q						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	D.R	EZ-EM, Inc., 717 Main Street, Westbury, NY 11590, <u>PercuPump</u> , Brochure, copyright 1990					
	D.S	Siemens Aktiengesellschaft, <u>Microprocessor-Controlled Angiography High Pressure Pulsed Injector</u> , Siemens Simtrac C Brochure					
	D.T						
EXAMINER 				DATE CONSIDERED 11-20-99			
EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.							